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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/396,582	09/15/1999	HIDEKI KOMATSUDA	105203 7643			
25944 75	90 11/05/2003	EXAMINER				
OLIFF & BERRIDGE, PLC			CHURCH, CRAIG E			
P.O. BOX 1992 ALEXANDRIA	=		ART UNIT	PAPER NUMBER		
TELM HORA	, VA 22320		2882			

DATE MAILED: 11/05/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

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``			Application No.		Applicant(s)				
Office Action Summary			09/396,582		KOMATSUDA ET	AL.			
			Examiner		Art Unit				
			Craig E. Church		2882				
Period fo	The MAILING DATE of this commun or Reply	nication appea	ars on the cover she	et with the c	orrespondence ad	ldress			
THE - Exte after - If the - If NO - Failu - Any	ORTENED STATUTORY PERIOD F MAILING DATE OF THIS COMMUN nsions of time may be available under the provisions SIX (6) MONTHS from the mailing date of this comr o period for reply specified above is less than thirty (3 period for reply is specified above, the maximum st tre to reply within the set or extended period for reply reply received by the Office later than three months a ed patent term adjustment. See 37 CFR 1.704(b).	ICATION. s of 37 CFR 1.136( munication. so) days, a reply w tatutory period will y will, by statute, ca	(a). In no event, however, r ithin the statutory minimum apply and will expire SIX (6 ause the application to beco	may a reply be time of thirty (30) days  MONTHS from the open capacity of the open capacity o	nely filed s will be considered timely the mailing date of this co D (35 U.S.C. § 133).				
_	Responsive to communication(s) file	ed on .							
•	This action is <b>FINAL</b> . 2b)⊠ This action is non-final.								
3)									
Disposit	ion of Claims								
4)⊠	☑ Claim(s) <u>1-50</u> is/are pending in the application.								
	4a) Of the above claim(s) is/are withdrawn from consideration.								
5)⊠	☑ Claim(s) <u>21-25</u> is/are allowed.								
6)⊠	⊠ Claim(s) <u>1,4-13,16-20,26-33 and 35-50</u> is/are rejected.								
7)🖂	Claim(s) 2,3,14,15 and 34 is/are obj	jected to.							
8)[	Claim(s) are subject to restrict	ction and/or e	election requiremen	ıt.					
Applicat	ion Papers								
9)[	The specification is objected to by the	e Examiner.							
10)[	The drawing(s) filed on is/are	: a) 🗌 accep	oted or b)□ objecte	ed to by the E	Examiner.				
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).								
	Replacement drawing sheet(s) including	g the correction	n is required if the dra	awing(s) is obj	jected to. See 37 Cl	FR 1.121(d)			
11)[	The oath or declaration is objected to	o by the Exa	miner. Note the atta	ached Office	Action or form P7	ΓO-152.			
Priority (	under 35 U.S.C. §§ 119 and 120								
	Acknowledgment is made of a claim  All b) Some * c) None of:  1. Certified copies of the priority  2. Certified copies of the priority  3. Copies of the certified copies	documents documents of the priority	have been received have been received y documents have l	d. d in Applicati been receive	on No	Stage			
13)	application from the Internation See the attached detailed Office action Acknowledgment is made of a claim faince a specific reference was included 7 CFR 1.78.  The translation of the foreign land Acknowledgment is made of a claim factoring was included in the first series.	on for a list of for domestic ed in the first nguage provi for domestic	the certified copies priority under 35 U. sentence of the speaking application had priority under 35 U.	s not receive S.C. § 119(e ecification or nas been rec S.C. §§ 120	e) (to a provisiona in an Application eived. and/or 121 since	Data Shee	et.		
Attachmer	nt(s)								
1) Notice 2) Notice	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (I mation Disclosure Statement(s) (PTO-1449) F		5) 🔲 Notic	ce of Informal P	(PTO-413) Paper No( Patent Application (PTO				

Application/Control Number: 09/396,582

Art Unit: 2882

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The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1, 4-13, 16-20, 26-33, 35-50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Japanese patent 5-288696 in view of Miyake et al (6504896). The Japanese patent teaches an x-ray lithography apparatus comprising synchrotron x-ray source 50, x-ray mirror 2 whose reflective surface may become dirty and means 10 for measuring the flow of photoelectrons released by the mirror surface as an indication of accumulated dirt. The Japanese patent does not illustrate a complete lithography system, and it would have been obvious to employ its dirt sensing means in any common lithograph (since that is its function) such as that taught by Miyake which includes x-ray source 1, integrator 5, mask 7, projection system 8 and mask 9.

Claims 2, 3, 14, 15 and 34 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 21-25 are allowed.

Any inquiry concerning this communication should be directed to Craig E.

Church at telephone number 703-308-4861.

Craig E. Church Primary Examinar